

Title (en)
INDUCTIVE POWER TRANSFER SYSTEM PRIMARY TRACK TOPOLOGIES

Title (de)
PRIMÄRSPURTOPOLOGIEN FÜR EIN INDUKTIVES STROMÜBERTRAGUNGSSYSTEM

Title (fr)
TOPOLOGIES DE VOIE PRIMAIRE POUR SYSTÈMES DE TRANSFERT DE PUISSANCE PAR INDUCTION

Publication
EP 2572363 A1 20130327 (EN)

Application
EP 11783803 A 20110519

Priority
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• NZ 58548310 A 20100519
• NZ 2011000079 W 20110519

Abstract (en)
[origin: WO2011145953A1] A multiphase IPT primary track conductor arrangement comprising a first phase conductor and a second phase conductor, the conductors being arranged substantially in a plane and so as to overlap each other and being arranged such that there is substantially balanced mutual coupling between the phase conductors.

IPC 8 full level
H01F 38/14 (2006.01); **H02J 3/06** (2006.01); **H02J 7/00** (2006.01); **H04B 5/00** (2006.01)

CPC (source: CN EP US)
B60L 5/005 (2013.01 - EP US); **B60L 53/12** (2019.02 - EP US); **B60L 53/30** (2019.02 - EP US); **B60M 7/003** (2013.01 - EP US); **H01F 38/14** (2013.01 - CN EP US); **H02J 5/005** (2023.08 - CN); **H02J 50/10** (2016.02 - EP US); **H02J 50/12** (2016.02 - US); **Y02T 10/70** (2013.01 - EP US); **Y02T 10/7072** (2013.01 - EP US); **Y02T 90/12** (2013.01 - EP US); **Y02T 90/14** (2013.01 - EP US)

Cited by
CN111462472A; CN110370448A; CN107710358A

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AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
WO 2011145953 A1 20111124; CN 103003897 A 20130327; CN 103003897 B 20170322; CN 106953368 A 20170714; CN 106953368 B 20211015; EP 2572363 A1 20130327; EP 2572363 A4 20170927; EP 2572363 B1 20240320; JP 2013534040 A 20130829; JP 6144195 B2 20170712; US 10600564 B2 20200324; US 2013229061 A1 20130905

DOCDB simple family (application)
NZ 2011000079 W 20110519; CN 201180035293 A 20110519; CN 201710088637 A 20110519; EP 11783803 A 20110519; JP 2013511125 A 20110519; US 201113698851 A 20110519